Sonoma Breeze

F100 Series

User manual 02

READ AND SAVE INSTRUCTIONS

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Welcome

Thank you for purchasing the Sonoma Breeze®. Our uniquely designed air cleansing process will vastly improve the quality of the air you breathe and will transform the way you think about air purification. We are aware there are many 'air filtration' products on the market today, and we look forward to proving how valuable the Sonoma Breeze® can be in any indoor environment.

Our technology has been tested by Lawrence Berkeley National Laboratory, National Aeronautics and Space Administration (NASA), Center for Disease Control (CDC), Federal Emergency Management Administration (FEMA) and The California Air Resource Board. The technology housed within the Sonoma Breeze® has been designed to target formaldehyde, a volatile organic compound used in many industries. Additionally, it will safely remove other air contaminants such as dust, mold spores, pet dander, viruses, bacteria, and other harmful volatile organic compounds (VOCs). Unlike other air filtration systems our technology removes air pollutants without emitting hazardous material such as ozone.

Every space is different, and the speed that your Sonoma Breeze® cleanses the air is related to the size of the room and the rate that VOCs are emitted into the environment. Our distributors are able to calculate the Sonoma Breeze® product best suited for your environment using our research data. We have included this data as well as important health and safety information in this manual.

Safety Precautions

When using any electrical appliance there are basic safety precautions that should be observed to reduce the risk of fire, electric shock or injury.

- Use only the grounded power cable provided with your Sonoma Breeze®.
- Plug the Sonoma Breeze® directly into a grounded outlet.
- Do not alter the cord or plug in any way.
- Do Not Use This Equipment with any Solid-State Speed Control Device.
- Refer to the voltage label located on the unit and plug the unit into the appropriate electrical outlet.
- Use only certified Sonoma Breeze® filters, PCO-Purifier Cores, TCO- Purifier Cores and light bulbs.
- This unit purifies air, do not use as a substitute for ventilation.
- Do not operate with wet hands or near standing water.
- Do not open the Sonoma Breeze® without turning off power to the unit.
- Handle Ultra Violet (UV) light bulbs with extreme caution as they contain mercury.
- Always use hand and eye protection when handling PCO-Purifier Cores, TCO-Purifier Cores and UV light bulbs.
- Do not operate the unit if it has a damaged cord or plug.
- Do not place foreign objects inside the air purifier.
- Do not wipe or cleanse with benzene, paint thinners, or aerosol spray.
- Do not use in areas of high humidity or wet areas such as shower rooms or saunas.
- Do not stand on or balance heavy items on the unit.
- Do not allow children to play near or with the Sonoma Breeze® unit.
- Do not operate this unit outdoors.
- Operate within 0˚ C to 65˚ C climate range.
- Follow all placement instructions listed below

Placement

Adequate ventilation is extremely important for you and your Sonoma Breeze®. To ensure that the Sonoma Breeze® has sufficient intake air, place your unit a minimum of 8 inches (20.3 cm) away from any walls, or furniture. Do not place the Sonoma Breeze® near doors or windows. The SonomBreeze® needs to be placed on a stable surface such as the floor or a table and should not be placed in or near soft furnishings such as bedding or curtains. The Sonoma Breeze® should not be placed near sources of heat such as radiators, fireplaces, saunas or ovens. The Sonoma Breeze® should not be placed in areas of high humidity or wetness such as shower rooms or steam rooms.

Specifications

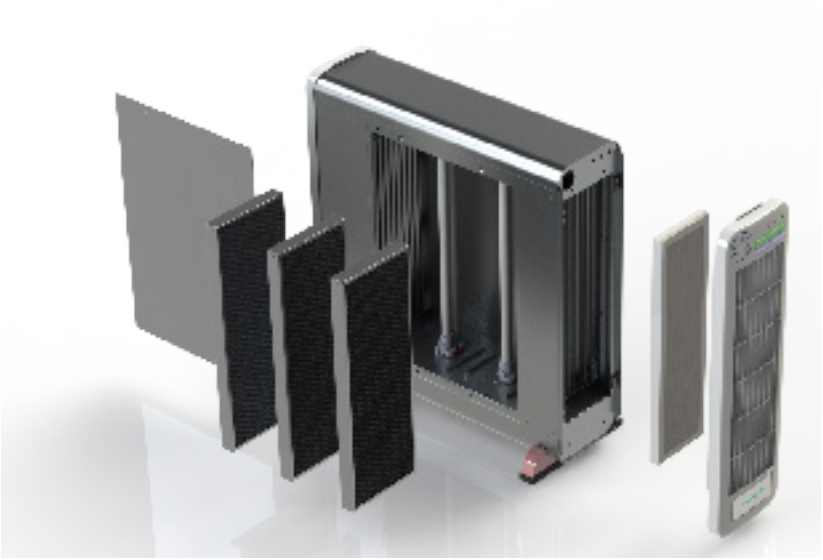
Power Source	115-240 VAC 50/60 HZ
Air Flow Rate	100 CFM
Power Consumption	125 watts
Standby Power	95 watts
Dimensions	7 in x 24 in x 22 in
Cord Length	72 inches (182 cm)
Weight of unit	38 lb. (17.3 kg)
Climate range	0˚ C to 65˚ C

Design and Function

The Sonoma Breeze® SB-100 is comprised of one front loading Macro-Particulate Filter, two germicidal UV lamps, three PCO- Purifier Cores or TCO-Purifier Cores, three Flow-Netic fans and an innovative formaldehyde sensor system. Our Macro-Particulate Filter coated with activated carbon absorbs dust, pollen, smoke and particles 3 µm or larger. The PCO-Purifier Cores and TCO-Purifier Cores are responsible for removing harmful VOCs such as formaldehyde. The dual- functioning germicidal UV-lamps destroy viruses and bacteria and simultaneously activate our PCO-Purifier Cores. The ultra- quiet, long-lifespan Flow-Netic fans pull the polluted air through our cleansing system delivering uncontaminated air on the other side. Our system is equipped with four VOCallic sensors that detect humidity, temperature, a broad spectrum of volatile organic compounds and formaldehyde.

What's included

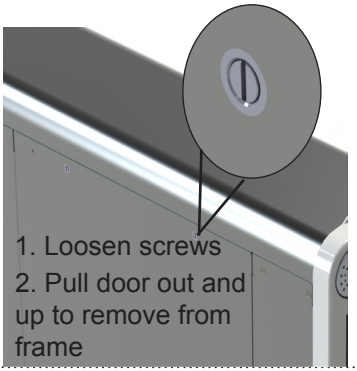
- 1 air purifier
- 1 power cord
- 1 screw driver
- 2 Ultraviolet lights
- 3 PCO cores or TCO cores
- 4 Pre-filters



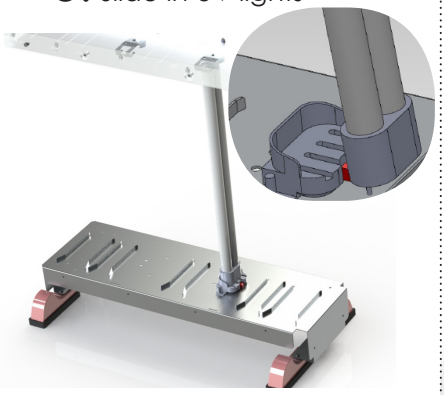
Parts and Assembly

1. Unpack the box

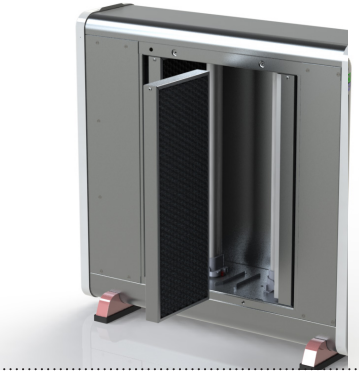
2. Open side access door.



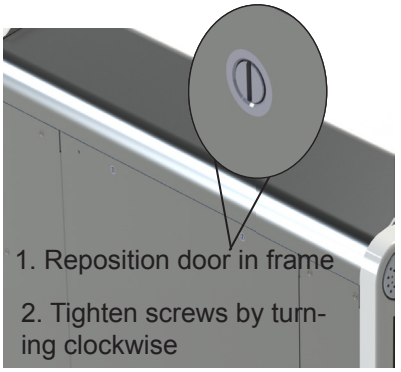
3. Slide in UV lights



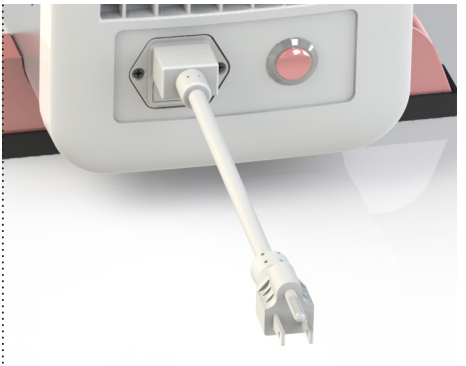
4. Slide in PCO core or TCO core



5. Close side access door



6. Connect power cord



Operating Instructions

1. Follow all safety precautions listed above
2. Plug the power cord into wall outlet (115-240 V AC for USA) (100-120 V AC)
3. Press power switch

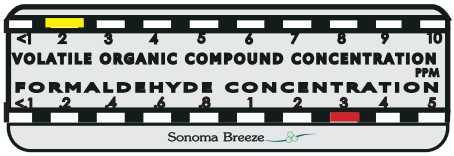
Follow the light

Our engineers have designed a multi-functional display coded to tell you how effectively and efficiently your unit is operating. A status light displays is located at the back and front of the unit. Follow the table below to understand the meaning of each light.

Status light	Indications	what to do
Green ready	Everything is functioning optimally	Relax
Yellow	A service door is open	Turn off the unit
Blinking blue	The macro-particulate filter needs to be replaced	Follow replacement instructions
Blue service	The PCO/TCO cores need to be replaced	Follow replacement instructions
Red alarm	There is an internal problem	Turn off unit and contact your distributor
Red and Blue	A lightbulb is not functioning	Turn off unit and replace light bulbs

Keeping track

There is one VOC LED display located next to the fan knob and below the status lights. This monitor indicates both VOC levels and formaldehyde levels present in the environment. Formaldehyde and other volatile organic compounds are measured in parts per billion (ppb), a measure of 1000 ppb is equivalent to 1 part per million (ppm). Refer to the illustrations below.



VOC light	PPM level	Indications
>1 2 3	Below 1 PPM	Safe
	Above 1 PPM	May cause irritation

Formaldehyde light	PPM level	Indications
	Below .6	Within OSHA limits
	0.6 < 1.0	May cause irritation
	Above 1.0	Dangerous

Control your speed

In the automatic mode the fan speed is determined by the VOCallic sensors, and will adjust according to the level of formaldehyde in the environment. If you would like to manually adjust the fan speed, the fan speed knob is located at the back of the unit next to the VOC LED display. Turn the knob clockwise to decrease the speed of the fan. Turn the knob counter- clockwise to increase the fan speed and set the fans in automatic mode.

Time for a service

In order to keep your Sonoma Breeze® functioning optimally it is essential to replace the filters and UV lights when they begin to deteriorate. How quickly each part deteriorates is dependent on the air pollution as well as the usage. We suggest that you replace the Macro-Particulate filter every 3-4 months, the Germicidal UV lights and the PCO-Purifier Cores/TCP-Purifier Cores once every year.

CAUTION: Always disconnect power before service

Replacing the Macro-particulate filter

1. Turn off power. Grip handle and pull off magnetically retained door

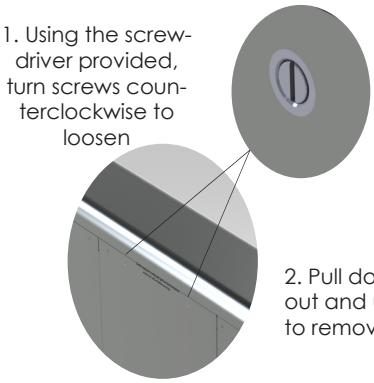
2. Remove used filter core

3. Slide in new filter core

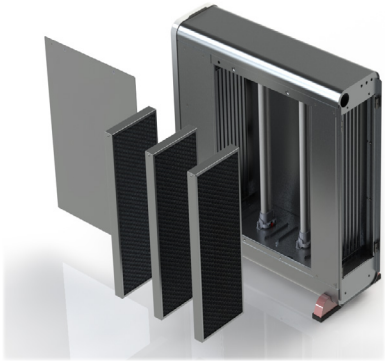
4. Replace magnetically retained door

Replacing PCO/TCO Cores and UV Lights

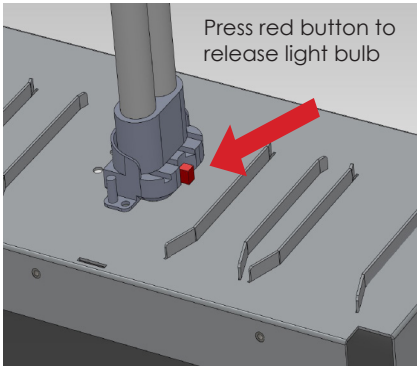
1. Disconnect power. Open side-access-panel door



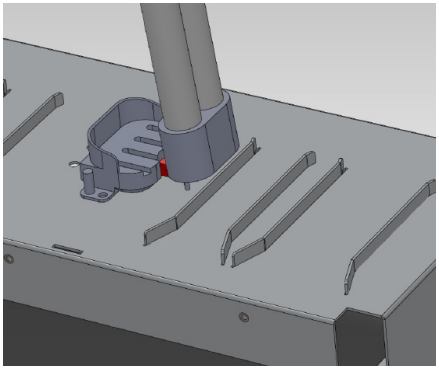
2. Remove used PCO or TCO Cores



3. Remove used UV bulbs



4. Install new UV light bulb



5. Slide in new PCO or TCO cores

6. Close side access panel door. Connect to power.

Troubleshooting

Q. I opened the unit while it was operating...
A. For your safety we installed a safety mechanism that disables the fans if opened while in us. Turn off the power, close all access panels, and turn the unit on.

Q. A yellow status light is illuminated...
A. You did not shut an access panel door completely
Turn off the unit and close all access panel doors. Restart the unit.

Q. Why is the red status light is illuminated?
A. There is an internal problem. Contact your distributor.

Q. Why have the formaldehyde levels not diminished?
A. The unit you purchased is not capable of keeping up with the off- gassing in the given space. Increase the ventilation in the room and contact your distributor.

Q. I plugged in and switched on the unit but it will not operate...
A. The power outlet is not functioning. Turn off the unit and plug the unit into another outlet or press the GFI reset switch-located on the wall outlet.

Q. There appears to be an odor generated by the unit...

A. The formaldelyte filter absorbs VOCs from the environment and re-releases these chemicals when in the presence of UV. Allow 24 hours .

Q. Should I turn my unit off at night?

A. No, once you turn on your air purifier you should keep it running 24/7. If you would like to quiet the fans, simply turn the fan knob clockwise.

Warranty

Innovative Labs, LLC SB-40, SB-100, SB-200

Limited Warranty

Innovative Labs, LLC warrants that all models of the Sonoma Breeze® including the SB-40, SB-100 and SB-200 will be free of defects in material and workmanship during normal operational use for one year from the date of purchase provided that the lights and filters are replaced as described in this manual. Innovative Labs, LLC offers a limited one year warranty on all parts, excluding those that require normal maintenance such as the Macro-Particulate Filters, PCO/TCO Purifier Cores, and Germicidal UV Lamps, which are covered under separate and different warranties.

Damage caused by accident, misuse or abuse is not covered by this warranty including but not limited to incorrect voltage, obstruction of ventilation, fire, flood, damage caused by power surges resulting from power outages, or "acts of nature." Improper care and unauthorized repair such as: not replacing Macro-Particulate Filter, PCO/TCO purifier cores and germicidal UV lamps at appropriate intervals or replacing any of the above improperly will void the warranty.

Under no circumstances shall the liability of Innovative Labs, LLC exceed the purchase price of the respective unit.

If a defect is found during normal operational use, Innovative Labs, LLC will, at its election, repair, replace, or make appropriate adjustment to the respective unit. Innovative Labs, LLC will not send a replacement unit while the unit is being repaired. Proof of purchase of the unit (original sales receipt) must be submitted at the time of repair, unless the unit was previously registered online or with a warranty card. Innovative Labs, LLC is not responsible for incidental or consequential costs other than those listed above. Slight changes in color, scratches and stains to the exterior of the unit over time, due to use, cleaning practices, water or atmospheric conditions, are not manufacturing defects but are indicative of normal wear and tear.

If you believe that your unit requires repair, contact your distributor for service. If the distributor is unable to repair the unit, contact our repair facility by writing Attn: Customer Care Center, One Willowbrook Court Suite 150 Petaluma, CA 94954 or call 1-888-706-0080 from within the USA or Canada. If you have any questions regarding this warranty or our product, we provide a troubleshooting page on our website at www.ino-labs.com.
Some states and provinces do not allow limitations of how long an implied warranty lasts or the exclusion or limitation of such damages. If the unit was purchased in one of these locations these limitations and exclusions may not apply. This warranty gives the consumer specific legal rights. This warranty applies to the original consumer purchaser only, and excludes product damage due to product accident, abuse or misuse, whether performed by a contractor, service-company or the consumer.

Innovative Labs, LLC PCO/TCO Purifier Core Limited Warranty

Innovative labs, LLC warrants that all models of the PCO/TCO purifier cores will be free of defects in material and workmanship during normal commercial or residential use for one- year from the date of purchase. Damage caused by accident, misuse or abuse is not covered by this warranty including, but not limited to, incorrect placement, obstruction of ventilation, fire, flood, or "acts of nature." Improper care and unauthorized repair will void this warranty

If a defect is found in the PCO-Purifier Core or TCO-Purifier Core during normal operational use, Innovative labs will replace or repair the PCO/TCO Purifier Core. Innovative Labs, LLC will not send a replacement while the PCO-Core/TCO-Core is being repaired. Proof of purchase (original sales receipt) may be requested at the time of repair.

Innovative Labs, LLC is not responsible for incidental or consequential costs other than those listed above. Slight changes in color to the exterior of the PCO Purifier Core/TCO Purifier Core overtime due to use, water or atmospheric conditions, are not manufacturing defects but are indicative of normal wear and tear.

Under no circumstances shall the liability of Innovative Labs, LLC exceed the purchase price of the respective unit.

If you believe that you have a repair issue, contact your local distributor for service. If the distributor is unable to repair the PCO-Purifier Core/TCO- Purifier Core contact our repair facility by writing Attn: Customer Care Center, One Willowbrook Court Suite 150
Petaluma, CA 94954 or call 1-888-706-0080 from within the USA or Canada. If you have any questions regarding this warranty or our PCO Purifier Core, we provide a troubleshooting page on our website at www.ino-labs.com.

Some states and provinces do not allow limitations of how long an implied warranty lasts or the exclusion or limitation of such damages. If the unit was purchased in one of these locations, these limitations and exclusions may not apply. This warranty gives the consumer specific legal rights. This warranty applies to the original consumer purchaser only, and excludes product damage due to product accident, abuse or misuse, whether performed by a contractor, service-company or the consumer.

Innovative Labs, LLC Germicidal UV Lamps
Limited Warranty

Innovative labs, LLC warrants that all models of the Germicidal UV lamps will be free of defects in material and workmanship during normal commercial use for one- year from the date of installation. Damage caused by accident, misuse or abuse is not covered by this warranty including, but not limited to, incorrect placement, incorrect voltage, fire, flood, damage caused by power surges from power outages or "acts of nature." Improper care and unauthorized repair will void this warranty

If a defect is found during normal operational use, Innovative labs, LLC will, at its election, repair, replace, or make appropriate adjustment to the respective unit. Innovative Labs, LLC will not send a replacement unit while the unit is being repaired or replaced. Proof of purchase (original sales receipt must be submitted at the time of repair. Innovative Labs, LLC is not responsibl for incidental or consequential costs other than those listed above.

Under no circumstances shall the liability of Innovative Labs, LLC exceed the purchase price of the respective unit.

If you believe that you have a repair issue, contact your local distributor for service. If your distributor is unable to repair the lamp, contact our repair facility by writing Attn: Customer Care Center, One Willowbrook Court Suite 150 Petaluma, CA 94954 or call 1-888-706-0080 from within the USA or Canada. If located outside of the USA or Canada call 001-888-706-0080. If you have any questions regarding this warranty or our product, we provide a troubleshooting page on our website at ino-labs.com.

Some states and provinces do not allow limitations of how long an implied warranty lasts or the exclusion or limitation of such damages. If the unit was purchased in one of these locations, these limitations and exclusions may not apply. This warranty gives the consumer specific legal rights. This warranty applies to the original consumer purchaser only, and excludes product damage due to product accident, abuse or misuse, whether performed by a contractor, service-company or the consumer.

Contact Us

If you have any questions or concerns after reading this manual or contacting your distributor, please do not hesitate to contact our customer service department by calling toll free 1 (888) 706-0080. If you lose or damage your copy of this user manual, you can locate an electronic copy online at our website www.ino- labs.com. If you would prefer to contact us via the web please send your inquiries or comments to one of the following team members who would be happy to assist you during our normal business hours.

Monday-Friday 8 am- 5 pm Standard Pacific Time

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Innovative Labs, LLC 2012

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